

ABSTRACT

A wireless heartbeat detector includes a wireless pulsation detector that detects the heartbeat signals and a wireless receiving display for showing heartbeat value. The wireless pulsation detector receives the heartbeat signals and transmits the signals to the wireless receiving display. When signals come in, the program processor of the wireless receiving display calculates and then the heartbeat value is displayed on the display. The wireless pulsation detector contains at least one heartbeat detector, a signal processing circuitry and a wireless signal transmission circuitry. The heartbeat detector can be fixed on earlobe or finger tips.

10 The pulsation signals are received and converted by the signal processing circuitry of the wireless pulsation detector into more stable signals. Then the signals are encoded and transmitted out through wireless signal transmission circuitry.